

1 ABSTRACT  
2  
3

4 An emergency evacuation device includes a housing  
5 enclosing a mounting structure. A spool assembly is mounted on  
6 the mounting structure within the housing, the spool assembly  
7 includes a rotatably mounted spool designed to receive a length  
8 of high tensile strength line. First and second centrifugal  
9 brakes are coupled to opposite sides of the spool for rotation  
10 with the spool and are constructed to maintain a rotation speed  
11 of the spool at a predetermined speed. A pair of spring  
12 biased locking pins are positioned adjacent opposite sides of  
13 the spool, each having a spool locking position and a spool  
14 unlocked position. A pair of handles is positioned to engage  
15 the locking pins and move them into the locking position when  
16 the handles are moved into a collapsed orientation and to  
17 disengage the locking pins when the handles are moved into an  
18 extended orientation.